...es To Appropriate District
...r., Hobbs, NM 87240
...esia, NM 87210
...s Rd., Aztec, NM 87410
...0 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised March 25, 1999

WELL API NO. 30-039-20432

5. Indicate Type of Lease STATE [X] FEE [ ]

6. State Oil & Gas Lease No. E 290-3

7. Lease Name or Unti Agreement Name SAN JUAN 28-7

## SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well [ ] Gas Well [ ] Other

2. Name of Operator CONOCO, INC.

8. Well No. 129

3. Address of Operator P.O. BOX 2197 HOUSTON TX 77252

9. Pool name or Wildcat BASIN DAKOTA

4. Well Location

Unit Letter G : 1678' feet from the NORTH line and 1670' feet from the EAST line

Section 2 Township 27N Range 7W NMPM County RIO ARRIBA

10. Elevation *(Show whether DR, RKB, RT, GR, etc.)*

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| PERFORM REMEDIAL WORK | [ ] | PLUG AND ABANDON | [X] | REMEDIAL WORK | [ ] | ALTERING CASING | [ ] |
| TEMPORARILY ABANDON | [ ] | CHANGE PLANS | [ ] | COMMENCE DRILLING OPNS. | [ ] | PLUG AND ABANDONMENT | [ ] |
| PULL OR ALTER CASING | [ ] | MULTIPLE COMPLETION | [ ] | CASING TEST AND CEMENT JOBS | [ ] | | |
| OTHER: | [ ] | | | OTHER: | | | [X] |

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and proposed work). SEE RULE 1103. For Multiple Completions: Attach diagram of proposed completion or recompletion.

Conoco proposes to plug and abandon this well using the attached procedure.

APR 2001
RECEIVED
OIL CON. DIV.
DIST. 3

MAR 2001
RECEIVED
OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Deborah Marberry TITLE REGULATORY ANALYST DATE 02/27/2001

Type or print name DEBORAH MARBERRY Telephone No. (281)293-1005

(This space for [illegible] APPROVED BY CHARLIE T. PERRIN DEPUTY OIL & GAS INSPECTOR, DIST. #3 APR - 4 2001

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

**PLUG AND ABANDONMENT PROCEDURE**

4/4/01

## San Juan 28-7 Unit #129

Basin Dakota
1678' FNL and 1670' FEL, Section 2, T27N, R7W
Rio Arriba County, New Mexico, API #30-039-20432
Long: W 107^ 32' 20.76" / Lat: N 36^ 36'19.584"

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement is ASMT Type II (15.6 ppg, 1.18 cf/sx).

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.

2. Pull 1 joint 2-3/8" tubing in well. Prepare and tally work strings: 800' of 1-1/4" IJ tubing and 4400' of 2-3/8" tubing. Round-trip 4-1/2" gauge ring or casing scraper to as deep as possible. Casing may be restricted some where between 4300' and 4991'.

3. **Plug #1 (Mesaverde top, 4991' – 4200'):** PU and TIH with 800' of 1-1/4" IJ tubing and then 2-3/8" tubing, go as deep as possible. Load the casing with water and circulate the well clean. Attempt to pressure test the casing to 500#. If casing does not test, spot or tag subsequent plugs as appropriate. Mix 100 sxs cement and spot a balanced plug inside the 4-1/2" casing and outside in the bad casing sections; PUH above cement and pump 10 bbls water to squeeze cement outside casing. Shut in well and WOC. TIH and tag cement. Spot additional cement if TOC is less than 4300'.

4. **Plug #2 (Pictured Cliffs, Fruitland and Kirtland tops, 3250' – 2480'):** Mix 62 sxs cement and spot a balanced plug inside casing to cover the Pictured Cliffs, Fruitland and Kirtland tops. PUH to 2440' and reverse circulate well clean. TOH with tubing.

5. **Plug #3 (Ojo Alamo top, 2415' – 2315'):** Perforate 3 HSC squeeze holes at 2415'. Set 4-1/2" cement retainer at 2365'. Mix 51 sxs cement, squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover the Ojo Alamo top. TOH with tubing.

6. **Plug #4 (Nacimiento top, 1255' – 1155'):** Perforate 3 HSC squeeze holes at 1255'. Set 4-1/2" cement retainer at 1255'. Mix 51 sxs cement, squeeze 39 sxs cement outside 4-1/2" casing and leave 12 sxs cement inside casing to cover the Nacimiento top. TOH and LD tubing.

7. **Plug #5 (9-5/8" Surface casing, 258' to Surface):** Perforate 3 HSC squeeze holes at 258'. Establish rate out bradenhead valve. Mix and pump approximately 110 sxs cement down 4-1/2" casing and circulate good cement out bradenhead valve. Shut well in and WOC.

8. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

# San Juan 28-7 Unit #129

***Proposed P&A***

**Basin Dakota**

**NE, Section 2, T-27-N, R-7-W, Rio Arriba County, NM**

**Lat: N 36^36'19.584" / Long: W 107^ 32'20.76"**

**API 30-039-20432**

Today's Date: 4/4/01
Spud: 11/2/71
Completed: 12/9/71
Elevation: 6572' GL

13-3/4" hole

9-/8" 32.3#, H-40 Casing set @ 208'
190 sxs cement (Circulated to Surface)

**Perforate @ 258'**

**Plug #5 258' - Surface**
Cement with 110 sxs

Nacimiento @ 1205'

**Cement Rt @ 1205'**

**Perforate @ 1255'**

**Plug #4 1255' – 1155'**
Cement with 51 sxs,
39 outside casing
and 12 inside.

Ojo Alamo @ 2365'

**Cement Rt @ 2365'**

**Perforate @ 2415'**

**Plug #3 2415' – 2315'**
Cement with 51 sxs,
39 outside casing
and 12 inside.

TOC @ 2490' (T.S.)

Kirtland @ 2530'

**Plug #2 3250' – 2480'**
Cement with 62 sxs

**Sqz csg below 3970' with 143 sxs (5/00)**

Fruitland @ 2905'

**Sqz csg below 4081' with 181 sxs (5/00)**

Pictured Cliffs @ 3200'

**Sqz csg from 4850' – 4343' with 50 sxs (10/00)**

DV Tool @ 3379'
Cemented with 160 sxs

**Sqz csg from 4880' with 50 sxs(10/00)**

**Plug #1 4991' – 4200'**
Cement with 100 sxs

Mesaverde @ 4882'

**Perf at 4860', Sqz csg with 85 sxs (5/00)**

Composite BP @ 5000' (5/00)

Mesaverde Perforations: 4860' – 5350'

**Sqz csg from 4713' – 4870' with 50 sxs (5/00)**

TOC @ 4780' ('00 CBL)

**Sqz csg from 4713' – 4340' with 34 sxs**

Composite BP @ 5375' (5/00)

**Perf at 5190', Sqz csg with 56 sxs (5/00)**

Point Lookout Perforations: 5551' – 5563'

Composite BP @ 5601' (5/00)

8-3/4" Hole to 5782'

DV Tool @ 5680'
Cemented with 145 sxs

Gallup @ 6425'

TOC @ 6948' (Calc, 75%)

Dakota @ 7455'

Dakota Perforations:
7460'- 7670'

**PBTD 7717'**

4-1/2" 10.5&11.6#, J-55 Casing set @ 7736'
Cemented with 200 sxs

7-7/8" Hole to TD

**TD 7736'**

# San Juan 28-7 Unit #129

*Current*

**Basin Dakota**

**NE, Section 2, T-27-N, R-7-W, Rio Arriba County, NM**

**Lat: N 36^36'19.584" / Long: W 107^ 32'20.76"**

**API 30-039-20432**

Today's Date: 4/4/01
Spud: 11/2/71
Completed: 12/9/71
Elevation: 6572' GL

13-3/4" hole

Nacimiento @ 1205'

Ojo Alamo @ 2365'

TOC @ 2490' (T.S.)

Kirtland @ 2530'

**Sqz csg below 3970' with 143 sxs (5/00)**

Fruitland @ 2905'

**Sqz csg below 4081' with 181 sxs (5/00)**

Pictured Cliffs @ 3200'

**Sqz csg from 4850' – 4343' with 50 sxs (10/00)**

**Sqz csg from 4880' with 50 sxs(10/00)**

Mesaverde @ 4882'

**Perf at 4860', Sqz csg with 85 sxs (5/00)**

**Sqz csg from 4713' – 4870' with 50 sxs (5/00)**

**Sqz csg from 4713' – 4340' with 34 sxs**

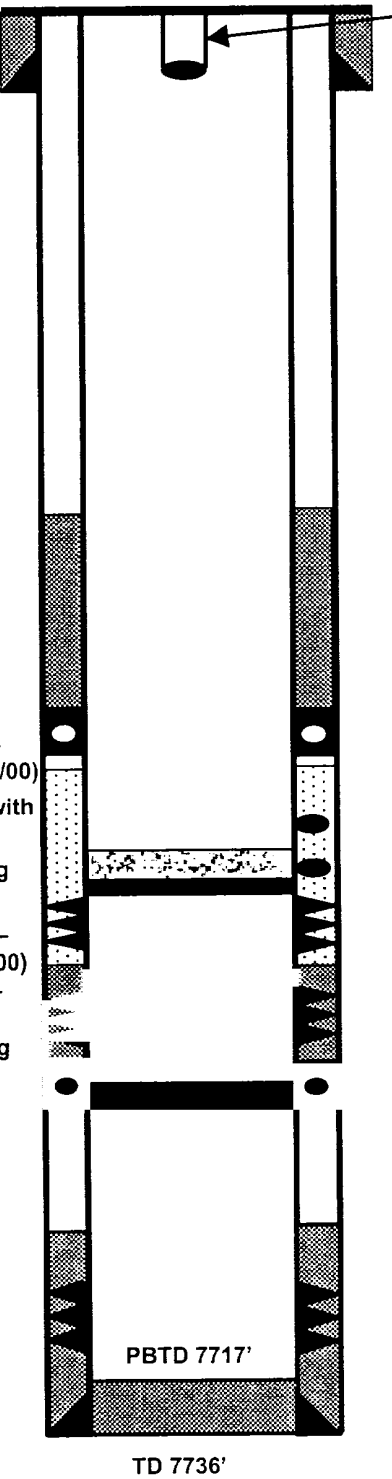
**Perf at 5190', Sqz csg with 56 sxs (5/00)**

8-3/4" Hole to 5782'

Gallup @ 6425'

Dakota @ 7455'

7-7/8" Hole to TD




**TD 7736'**

1 joint 2-3/8" tubing in well

9-/8" 32.3#, H-40 Casing set @ 208'
190 sxs cement (Circulated to Surface)

**Well History**

**May '00: Complete Mesaverde:** Pull tubing, set CoBP at 5601' above Dk perforations; PT to 3000#, OK; perforate and frac Pt Lookout; set a CoBP at 5360'; got stuck drilling out, fished out mill OK; CO to 5360'; ran packer and found casing leak 4375' to 4406'; shot squeeze holes at 5190' and 4860', cemented annulus with 50 sxs then 85 sxs, then 30 sxs; drill out then resqueeze with 180 sxs at 4390'; drill out to 5360'; PT casing to 3000#. Ran CBL, then DO COBP at 5360'; CO to 5575'; re-fraced PtLookout perfs; set CoBP at 5375'; found casing leaks at 5340' - 5308' – 4700' - 4375'. Perforate and frac upper MV formation; DO CoBP at 5375'; CO to 5593'. Then with packer and RBP isolate numerous casing leaks from 5190' to 3970', squeeze with total 549 sxs. Drilled to 4880'; continued to drill and started returning shale samples, apparently went outside casing; ran MMT log and found bad casing from 4874' to 4300', RDMO.
**Oct '00:** TIH to 4880'. Spot 50 sxs, then attempt to drill out using a stabilized BHA; went out casing at 4911' or the casing collapsed. Stopped work, unable to deeper. Will drill new well.

DV Tool @ 3379'
Cemented with 160 sxs

Composite BP @ 5000' (5/00)

Mesaverde Perforations: 4860' – 5350'

TOC @ 4780' ('00 CBL)

Composite BP @ 5375' (5/00)

Point Lookout Perforations: 5551' – 5563'

Composite BP @ 5601' (5/00)

DV Tool @ 5680'
Cemented with 145 sxs

TOC @ 6948' (Calc, 75%)

Dakota Perforations:
7460'- 7670'

4-1/2" 10.5&11.6#, J-55 Casing set @ 7736'
Cemented with 200 sxs